



Polypropylene RJ908MO

Polypropylene Random Copolymer for Injection Moulding

Description

RJ908MO is a transparent polypropylene random ethylene copolymer with high melt flow. This clarified product is designed for high speed injection moulding at low temperature and contains antistatic additives. This polymer has a narrow molecular weight distribution giving low warpage. Products originating from this grade have excellent transparency and gloss, and good balance of stiffness and impact strength at ambient temperatures.

CAS-No. 9010-79-1

Applications

RJ908MO is intended for:

Articles with rather long and narrow flow lengths	Lids
Products with complicated geometry	Square containers
Transparent storage crates and boxes (House wares)	

Special Features

Excellent flow behaviour	Good clarity
Excellent processability	Good gloss
Very good optical properties	Good stiffness and impact balance

Physical Properties

Property	Typical Value	Test Method
Data should not be used for specification work		
Density	905 kg/m ³	ISO 1183
Melt Flow Rate (230 °C/2,16 kg)	80	ISO 1133
Flexural Modulus	1.100 MPa	ISO 178
Tensile Modulus (1 mm/min)	1.150 MPa	ISO 527-2
Heat Deflection Temperature (0,45 N/mm ²)	80 °C	ISO 75-2
Charpy Impact Strength, notched (23 °C)	4,2 kJ/m ²	ISO 179/1eA

Processing Techniques

RJ908MO is easy to process with standard injection moulding machines.

Storage

RJ908MO should be stored in dry conditions at temperatures below 50°C and protected from UV-light. Improper storage can initiate degradation, which results in odour generation and colour changes and can have negative effects on the physical properties of this product.

Safety

Please see the Safety data sheet (SDS) / Product safety information sheet (PSIS) for details on various aspects of safety, recovery and disposal of the products. For more information, contact your Borealis representative.



Polypropylene RJ908MO

Recycling

The product is suitable for recycling using modern methods of shredding and cleaning. In-house production waste should be kept clean to facilitate direct recycling.

Please see our "Safety data sheet" / "Product safety information sheet" for details on various aspects of safety, recovery and disposal of the product. For more information, contact your Borealis representative.

Related Documents

For general and grade specific compliance documents please see Borealis' homepage www.borealisgroup.com or ask your Borealis representative.

Issuer:

Marketing Consumer Products / Philip Knapen
Product Management / Petar Doshev

Disclaimer

The product(s) mentioned herein are not intended to be used for medical, pharmaceutical or healthcare applications and we do not support their use for such applications.

To the best of our knowledge, the information contained herein is accurate and reliable as of the date of publication; however we do not assume any liability whatsoever for the accuracy and completeness of such information.

Borealis makes no warranties which extend beyond the description contained herein. Nothing herein shall constitute any warranty of merchantability or fitness for a particular purpose.

It is the customer's responsibility to inspect and test our products in order to satisfy itself as to the suitability of the products for the customer's particular purpose. The customer is responsible for the appropriate, safe and legal use, processing and handling of our products.

No liability can be accepted in respect of the use of any Borealis product in conjunction with any other products and/or materials. The information contained herein relates exclusively to our products when not used in conjunction with any other material unless as specifically provided for in the test methods stated above.